

# Aerial Photography Purchasing Information

Wisconsin Department of Natural Resources, Division of Forestry

## Revolving Aerial Photography Units

### Northwest

Available photography flown: 1999

New photography anticipated: 2007

### Northeast

Available photography flown: 1997

New photography anticipated: 2005

### Southwest

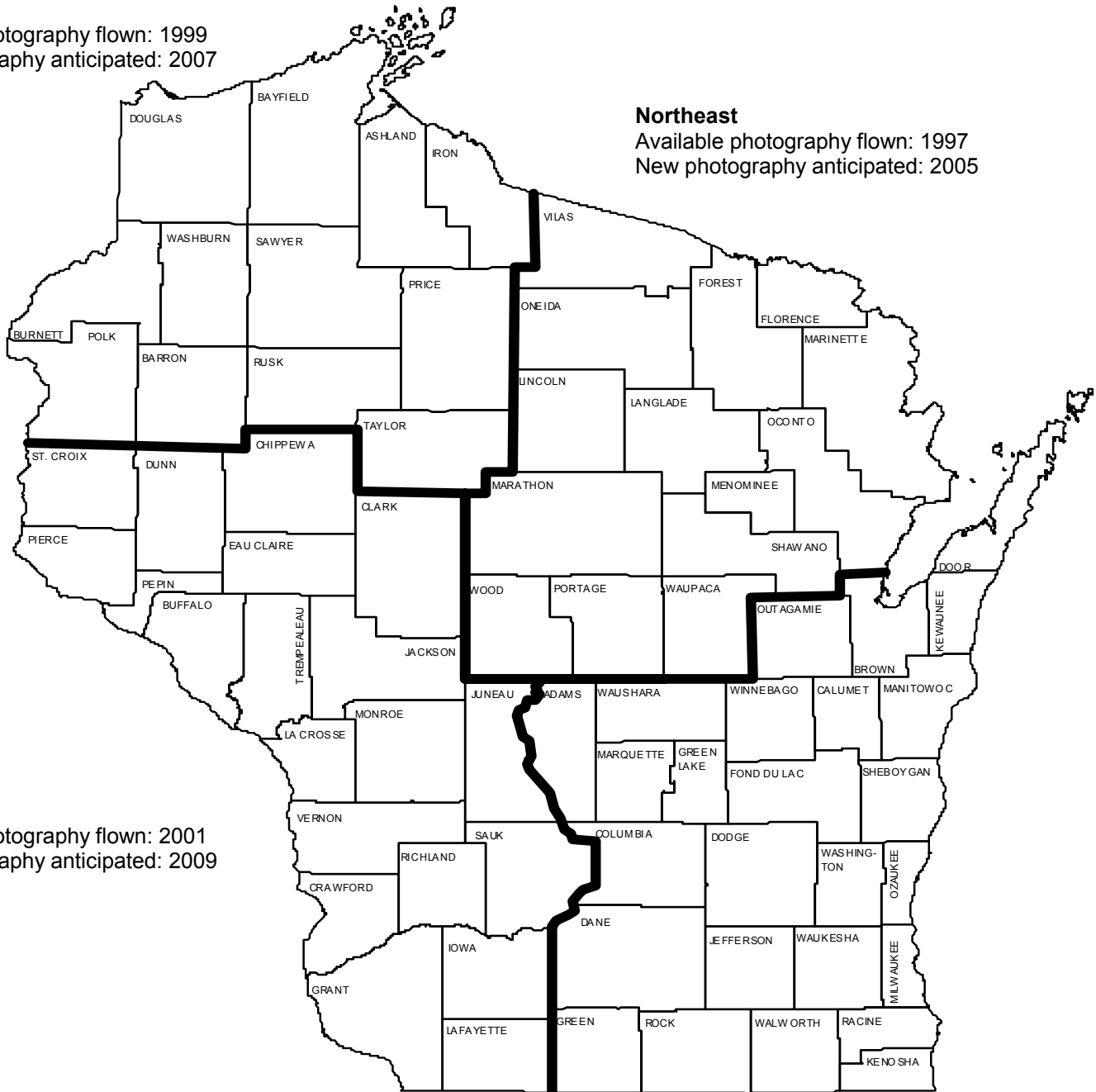
Available photography flown: 2001

New photography anticipated: 2009

### Southeast

Available photography flown: 2003

New photography anticipated: 2011



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If you have any questions after reading the information in this packet, please contact one of the following:

**Division of Forestry**

101 S. Webster Street  
P.O. Box 7921  
Madison, WI 53707-7921  
Phone: (608) 267-7494  
Fax: (608) 266-8576  
Email: [Forestry.Webmail@dnr.state.wi.us](mailto:Forestry.Webmail@dnr.state.wi.us)

**HAS Images, Inc.**

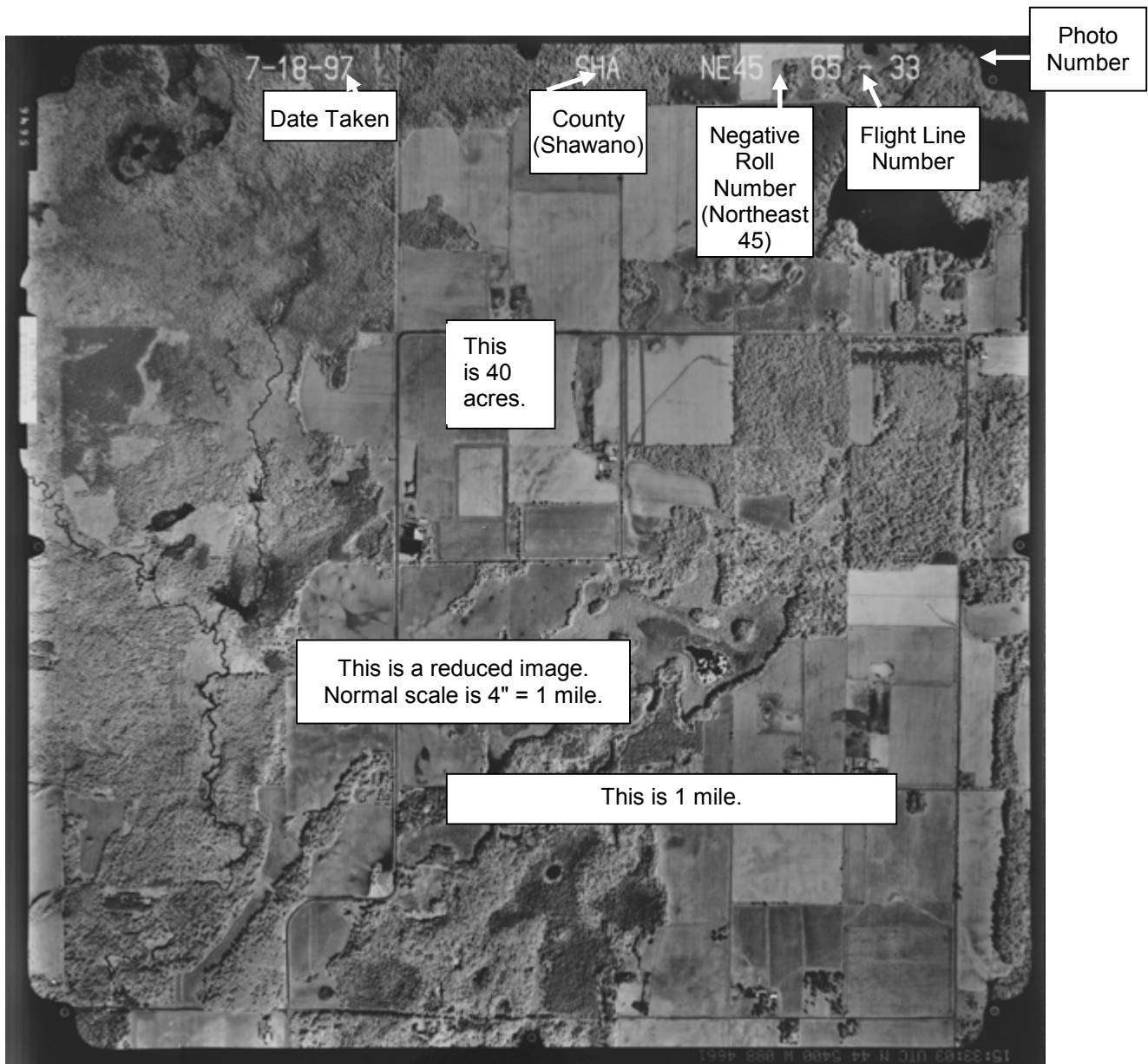
136 N. St. Clair Street  
Suite 300  
Dayton, OH 45402  
Phone: (937) 222-3856  
Fax: (937) 222-2443  
Email: [hasimage@ix.netcom.com](mailto:hasimage@ix.netcom.com)

## About the Wisconsin Statewide Forestry Aerial Photography Project

The Photography Project, managed by the Division of Forestry, includes coverage for the entire state; the date of the photography varies across the state from 1997-2003. The map on the cover identifies the year(s) in which the photography was taken, as well as a replacement schedule for the photography. The airphotos are black and white infrared with a scale of 1:15,840 (4" to the mile) taken with the leaves on the trees (see example below). A photo will **not** show four legal sections of a township because the photos do not follow specific sections. Forestry's airphotos, along with other photography products, can be purchased from our vending contractor, HAS Images, Inc., for any location within the state.

Included is an order form along with the necessary information to complete it. Each of the DNR Forestry field offices has a stereo set of photos for their work area. You can view the photographs before purchasing your own by contacting the local DNR Forestry office in the county where the land of interest is located (see the map on pages 5 and 6).

If you have any further questions about the photography products and/or the Forestry aerial photography flight project, please contact the **Division of Forestry** at **(608) 267-7494**.



## Contact Print Ordering Information

**Order form is at end of packet.**

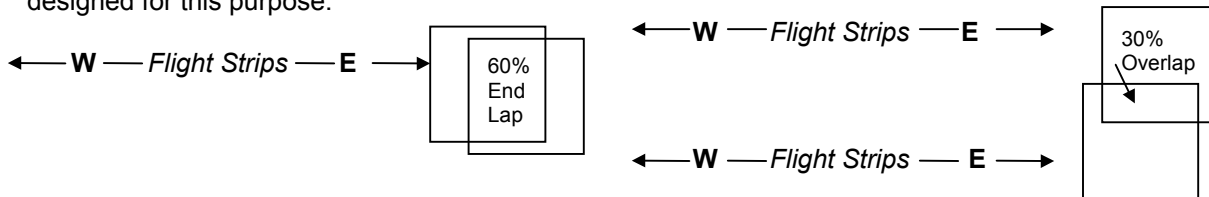
Contact prints are 9"x 9" images printed on photographic paper with an approximate scale of 1"=1,320'. Each print covers an area of approximately 4 square miles, or about 2,600 acres.

Orders of 1 through 9 prints may be ordered by using the **legal description** (i.e., township, range and section number). This information can be found in numerous locations including plat books (ordering information available by contacting your county clerk or mapping companies) and the *Wisconsin Atlas & Gazetteer* (available at many bookstores, gas stations and discount stores). A legal description looks like this: "T 26 N, R 12 E, S 18", where "T" is for *township*, "R" for *range* and "S" is for *section*.

Orders of 10 or more prints **must** include the county flight line number, negative roll number, and photographic frame number. These numbers are available on **photo index maps**, which can be viewed at DNR field offices (see the map on pages 5 and 6 for the county of interest), or by contacting the Division of Forestry at (608) 267-7494.

## Stereoscopic Viewing

Stereoscopic viewing provides the third dimension of height. Think of what you see when you're in an airplane. You can see differences in the heights of buildings, trees and topography, which is what you see when viewing airphotos stereoscopically. The airphotos were taken with about 60% overlap in the flight line (see below). Adjoining flight lines overlap each other by about 30%. This allows an image to appear on at least 2 consecutive photographs. This overlapping feature provides for viewing stereoscopically (in three-dimension) by aligning two consecutive photos and using a stereoscope. Enlarged airphotos are not designed for this purpose.



If you are interested in being able to view photos in three-dimension, at least 2 consecutive airphotos must be purchased and viewed with a stereoscope.

## Contact Print Pricing

Prices are per print. Shipping and handling charges are based on the number of prints you order (e.g., the shipping charge is \$10.00 whether you order 1 or 50 prints).

	1-50 prints	51-100 prints	101-250 prints	250 prints
<b>Price</b>	\$8.90	\$8.40	\$7.35	\$7.15
<b>Shipping &amp; handling</b>	\$10.00	\$12.00	\$12.00	\$15.00 + \$2.50/hundred over 500

## Contact Print Delivery Times

Orders are processed on a first in/first out priority. The delivery time is based on the following order quantities.

	1-100 prints	101-500 prints	501-1000 prints	> 1000 prints
<b>No. working days</b>	10	15	30	60

For rush orders, please contact HAS Images, Inc. directly for a quote on delivery time and cost.

## Proof Print Ordering Information

**Order form is at end of packet.**

Proof prints are Xeroxed copies of contact prints that can be mailed or faxed to you. They are especially useful if you want to order an enlargement. Instead of viewing an original contact print at a DNR Forestry field office, you have the option of ordering a proof print. Note that the quality of the photocopy is not as high as the original contact print, and that the image is shrunk to fit on an 8.5" x 11" piece of regular, photocopy paper, which alters the 1" = 1,320' scale.

To obtain a proof print, contact the customer service department at HAS Images, Inc. at (937) 222-3856, or mail or fax the "Forestry Aerial Photography Project Order Form". There is a \$10.00 per proof print processing fee that is **not** applied towards the cost of any future airphoto purchase.

## Enlargement Print Ordering Information

**Order form is at end of packet.**

If you are interested in a scale other than 1"=1320', or you would like a larger print, then you may order an enlargement by doing the following:

1. **View** the 9" x 9" contact print or a proof print of the area of interest. You will be ordering an enlargement of an area on a photo (versus an area of the land), so you need to first view the photo before determining which area you want to enlarge. A copy of the contact print is available for viewing at the DNR Forestry field office serving the county in which the land area coverage is located (see the map on pages 5 and 6). Proof prints can be ordered by following the directions in the "Proof Print Ordering Information" section (above).
2. From the sectional<sup>1</sup> diagrams below, **select** one of the 15 standard cropping options. When choosing the area of the photograph to be enlarged, the image should be oriented so that the photo date, roll line and frame number are at the top. Simply identify the area by letter and number (e.g., B2 or G14), and write it on the enlargement print section of the order form in the "Section Letter & Number" column.

*Please allow a minimum of 1/2" around your exact area of interest.*

3. **Select** the scale at which you want your enlargement **OR select** the size which you want your enlargement. Selecting one option automatically determines the other. For example, if you want to order a B2 sectional with a scale of 1" = 400', then the size of the enlargement will be 14"x14".<sup>2</sup>
4. **Complete** and **send** in the "Forestry Aerial Photography Project Order Form".

	A	B	C	D	E	F	G	H
	Full Frame 1	2 4	3 5	6 7	8 9	10 11	12 13	14 15
<b>Scale<sup>2</sup></b>								
1" = 660'	18 x 18	8 x 8	8 x 8	8 x 8	8 x 16	8 x 16	8 x 16	8 x 16
1" = 440'	27 x 27	12 x 12	12 x 12	12 x 12	12 x 24	12 x 24	12 x 24	12 x 24
1" = 400'	30 x 30	14 x 14	14 x 14	14 x 14	14 x 28	14 x 28	14 x 28	14 x 28
1" = 330'	36 x 36	16 x 16	16 x 16	16 x 16	16 x 32	16 x 32	16 x 32	16 x 32
1" = 250'	48 x 48	22 x 22	22 x 22	22 x 22	22 x 45	22 x 45	22 x 45	22 x 45

### Enlargement Sizes<sup>2</sup>

<sup>1</sup> = A **sectional** is a 4" square or 4" x 8" rectangle inside the fiducials.

<sup>2</sup> = These are the most common scales and sizes requested. To request other scales or sizes, please contact HAS Images, Inc. directly.

You do NOT need to select a sectional if you are ordering a **contact** or **proof** print. See the sections "Contact Print Ordering Information" or "Proof Print Ordering Information" for details.

## Enlargement Print Pricing

	1st Print	2-5 Copies	Mylar
8x8	\$ 35.00	\$ 28.75	\$ 40.00
8x16	\$ 40.00	\$ 32.50	\$ 46.00
12x12	\$ 37.00	\$ 30.25	\$ 40.00
12x24	\$ 45.00	\$ 36.25	\$ 52.00
14x14	\$ 40.00	\$ 32.50	\$ 46.00
14x28	\$ 50.00	\$ 40.00	\$ 58.00
16x16	\$ 52.00	\$ 41.50	\$ 55.00
16x32	\$ 85.00	\$ 66.25	\$100.00
18x18	\$ 60.00	\$ 47.50	\$ 70.00
22x22	\$ 70.00	\$ 55.00	\$ 90.00
22x45	\$ 95.00	\$ 73.75	\$115.00
27x27	\$ 80.00	\$ 62.50	\$120.00
30x30	\$ 90.00	\$ 70.00	\$125.00
30x60	\$120.00	\$ 92.50	\$142.00
36x36	\$105.00	\$ 81.25	\$160.00
48x48	\$140.00	\$107.50	N/A

	1-5 prints	6-10 prints	11-25 prints	> 25 prints
<b>Shipping &amp; handling</b>	\$15.00	\$20.00	\$25.00	\$25.00 + \$10.00/ 5 enlargements over 25

## Enlargement Print Delivery Times

Orders are processed on a first in/first out priority. The delivery time is based on the following order quantities.

	1-20 prints	21-30 prints	31-50 prints	> 50 prints
<b>No. working days</b>	20	30	45	60

For Rush Orders, please contact HAS Images, Inc. directly for a quote on delivery time and cost.

## Custom Orders

Contact HAS Images, Inc. directly if you would like more information about any of the following:

- ✓ Ordering an enlargement that is of a different size or scale than those listed.
- ✓ Ordering contact prints on transparencies, rather than on photographic paper.
- ✓ Ordering mosaics.
- ✓ Any other ordering options other than those listed in this packet (e.g. digital products).
- ✓ Pricing and delivery times for custom products.

## BAYFIELD

DNR Ranger Station  
203 E. Bayfield  
PO Box 545  
Washburn, WI 54891  
715-373-6165

## DOUGLAS

DNR  
Pattison State Park  
6294 S State Road 35  
Superior, WI 54880-8326  
715-399-3100

DNR Area Hdqtrs  
PO Box 125  
Brule, WI 54820  
715-372-4866

DNR Ranger Station  
HCR 66  
Box 2887D  
Barnes, WI 54873  
715-795-2565

DNR Ranger Station  
PO Box 60  
Gordon, WI 54838  
715-376-2299

## ASHLAND

DNR  
124 Wildemess Drive  
PO Box 709  
Mellen, WI 54546  
715-274-6321

## IRON

DNR Ranger Station  
Hwy 77  
Box 44  
Upson, WI 54565  
715-561-5044

DNR  
875 S. 4th Ave.  
PO Box 220  
Park Falls 54552  
715-762-3204

DNR Ranger Station  
5291 State House Circle  
Mercer, WI 54547  
715-476-78440

## WASHBURN

DNR Ranger Station  
810 W Maple St  
Spooner, WI 54801-1255  
715-635-4084

## SAWYER

DNR Ranger Station  
Rt. 2, Box 2003  
Hayward, WI 54843  
715-634-6504

## BURNETT

DNR  
P.O. Box 51  
Webster, WI 54893  
715-866-8201 or 715-349-2158

## PRICE

DNR  
Price Co. Annex Bldg  
104 S. Eyder Ave  
Phillips, WI 54555-1342  
715-339-3001

## POLK

DNR  
941 Mallard Lane, Room #104  
Balsam Lake, WI 54810  
715-485-3518

## BARRON

DNR  
1418 E LaSalle Ave.  
Barron, WI 54812-1638  
715-537-5046

## RUSK

DNR Ranger Station  
N4103 Hwy 27  
Ladysmith, WI 54848-9309  
715-532-3737

DNR Ranger Station  
Railroad Ave  
PO Box 238  
Prentice, WI 54556-0238  
715-428-2900

## ST CROIX

DNR  
990 Hillcrest  
Suite 104  
Baldwin, WI 54002  
715-684-2914, ext. 116

## DUNN

DNR  
921 Brickyard Road  
Menomonie, WI 54751  
715-232-1516

## CHIPPEWA

DNR  
Courthouse  
711 N Bridge Street  
Chippewa Falls, WI 54729  
715-726-7885

## TAYLOR

DNR Ranger Station  
660 Wheelock St  
Medford, WI 54451  
715-748-4955

## CLARK

DNR  
Courthouse  
400 Hewett St.  
# 106  
Neillsville, WI 54456-1924  
715-743-5134

## PIERCE

DNR  
130 N Chestnut  
PO Box 428  
Ellsworth, WI 54011  
715-273-5525

## EAU CLAIRE

DNR  
1300 Clairemont Ave.  
P.O. Box 4001  
Eau Claire, WI 54702  
715-839-3782

DNR, Co Govt Center, PO Box 39  
550 7th Ave. W.  
Durand, WI 54736-715-672-8476

## PEPIN

## BUFFALO

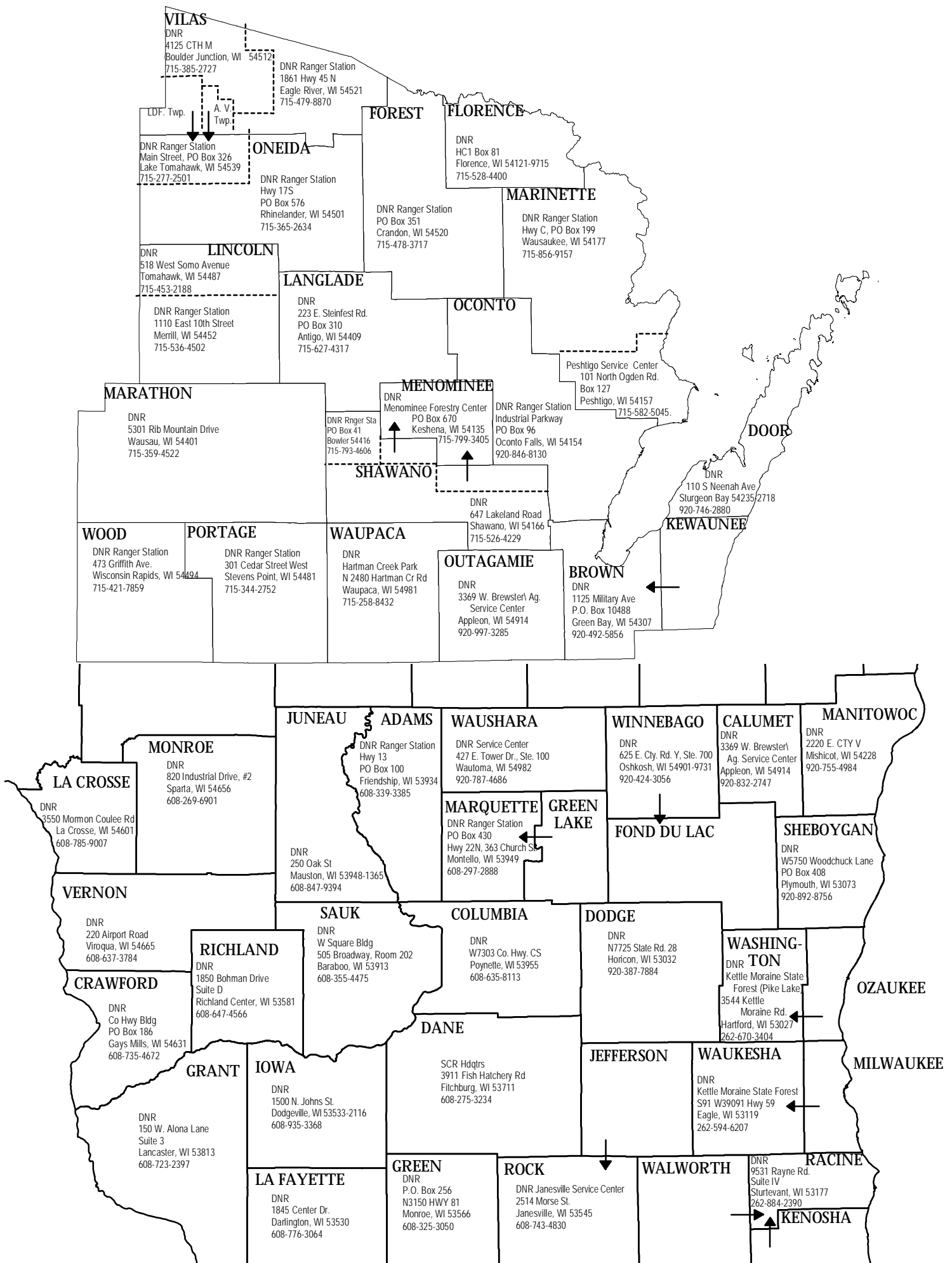
DNR  
Courthouse  
P.O. Box 88  
Alma, WI 54610  
608-685-6223

## TREMPEA-LEAU

DNR  
P.O. Box 645  
Whitehall, WI 54773  
715-538-4480

## JACKSON

DNR  
910 Hwy 54 E  
Black River Falls, WI 54615-9276  
715-284-1415





NOTICE: Personal information collected on this form, including your name, address, phone number and credit card information, is voluntary. Information provided is only intended for ordering aerial photos and other than your credit card number, may be subject to disclosure under Wisconsin's Open Records Law. [s. 19.31-19.39, Wis. Stats.].

### Customer Information

Please print or type this information.

First Name		Middle Initial	Last Name	
Street Address (no PO boxes)				
City			State	Zip Code
Phone	Fax			Order Date

### Total

Fill out the section(s) for the prints you wish to order. When you are done, please add the totals from the Contact, Proof and Enlargement Print sections and enter them here.

Contact Print Total
\$
Proof Print Total
\$
Enlargement Print Total
\$
Grand Total
\$

**Note:** if you are ordering **both** contact and enlargement prints, please contact HAS, Images at (937) 222-3856 to determine what you should pay for shipping charges.

### Payment Method

☐

Check or money order enclosed.

OR

☐

Charge to the following credit card number:

\_\_\_\_\_

☐

American Express

☐

Master Card

☐

Visa

Date card expires:

\_\_\_\_/\_\_\_\_/\_\_\_\_

Name on card: \_\_\_\_\_ Signature: \_\_\_\_\_

### Submitting the Form

Submit **ALL** pages of this completed form (pages 7-9 of this packet) to:

**HAS Images, Inc.**

136 N. St. Clair Street

Suite 300

Dayton, OH 45402

Phone: (937) 222-3856

Fax: (937) 222-2443

Email: hasimage@ix.netcom.com

## Contact Prints

For orders of 9 or fewer, contact prints may be ordered by a legal description (Township, Range and Section). For orders of 10 or more, contact prints **must** be ordered by using photo index map information (Roll, Flight Line and Frame numbers).

Quantity (e.g., 8)	County (e.g., Shawano)	Legal Description (only for orders of 1-9 photos)			Roll Number (e.g., 45)	Flight Line Number (e.g., 65)	Frame Number(s) (e.g., 33-40)
		Township (e.g., 26 N)	Range (e.g., 12 E)	Section (e.g., 3)			

Number of Prints \_\_\_\_\_ x \$ \_\_\_\_\_ ea. = \$ \_\_\_\_\_

Shipping & Handling (see page 2) \$ \_\_\_\_\_

Total for contact prints \$ \_\_\_\_\_

## Proof Prints

Proof prints are ordered by legal description. After you receive your proof, refer to the "Enlargement Print Ordering Information" section to order an enlargement. Note that proof prints are **low-resolution photocopies**. Instead of purchasing a proof print, you could view a contact print at the DNR field office where the land is located.

Quantity (e.g., 1)	County (e.g., Shawano)	Legal Description		
		Township (e.g., 26 N)	Range (e.g., 12 E)	Section (e.g., 3)

Number of prints: \_\_\_\_\_ x \$ 10.00 ea. = \$ \_\_\_\_\_

This cost is **not** applied towards future airphoto purchases.

Method to receive proof: ☐ Mail ☐ Fax

## Enlargement Prints

Enlargements are ordered by identifying the County, and Roll, Flight Line and Frame numbers. This information can be obtained from photo index maps, located at DNR field offices (see map on pages 5 and 6), or by contacting the Division of Forestry at (608) 267-0547.

Please be certain that you have either **viewed the actual print from which you are ordering an enlargement, or a proof of the print** to ensure that you are ordering an enlargement of the desired area on the original photo.

Please use the information provided in the “**Enlargement Print Ordering Information**” section to fill out these columns.

County (e.g., Shawano)	Qty. (e.g., 5)	Roll Number (e.g. 45)	Flight Line Number (e.g., 65)	Frame Number (e.g., 33)	Section Letter & Number (e.g., B2)	Scale (e.g., 1"=660')	Print Size (e.g., 8X8)	1 <sup>st</sup> Copy Cost (e.g., \$35.00)	Duplicate Cost (e.g., \$28.75)	Total Cost (e.g., \$150.00)
								\$	\$	\$

Subtotal \$ \_\_\_\_\_

Shipping & Handling (see page 4) \$ \_\_\_\_\_

Total for enlargement prints \$ \_\_\_\_\_



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